

FIG. 2

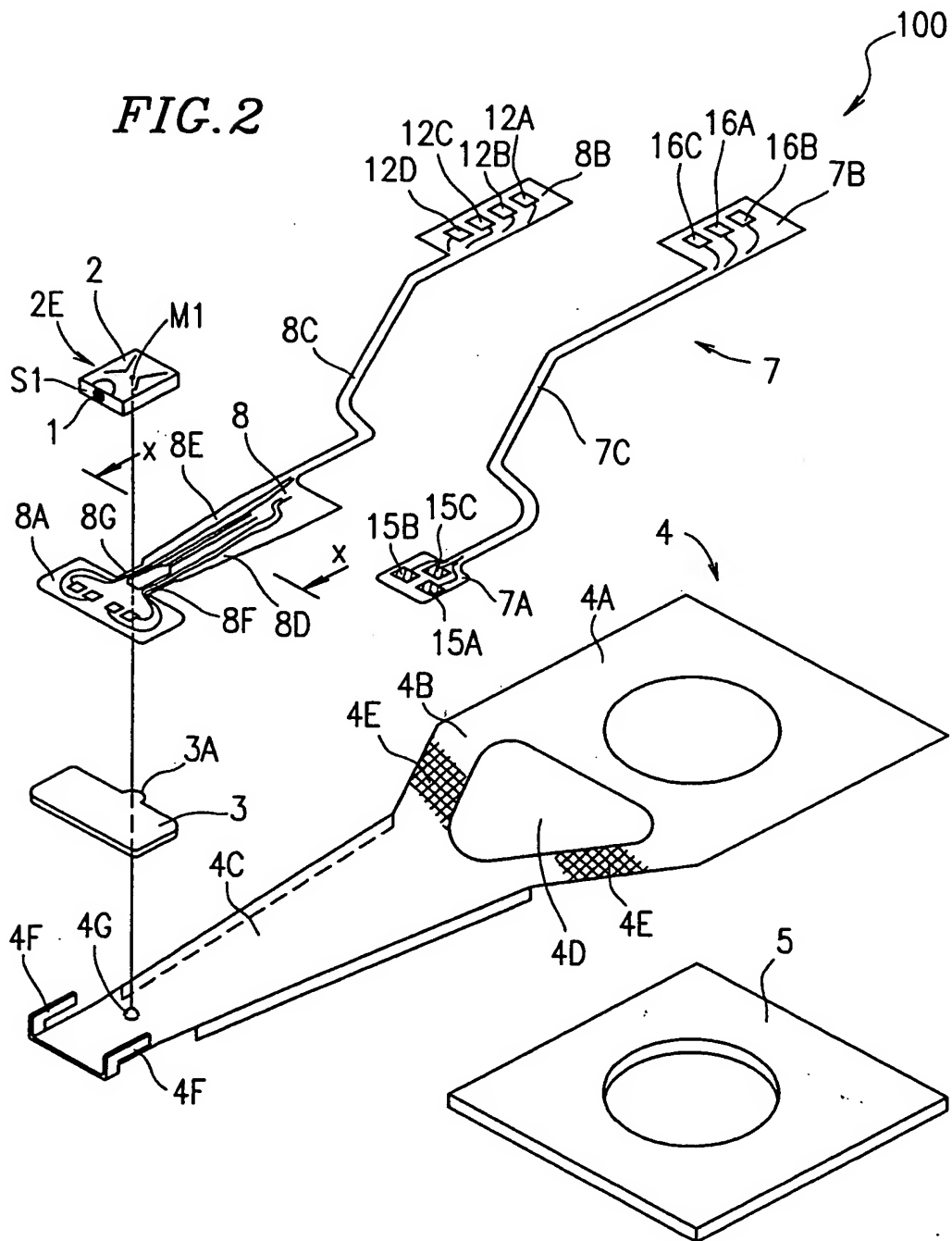


FIG. 4

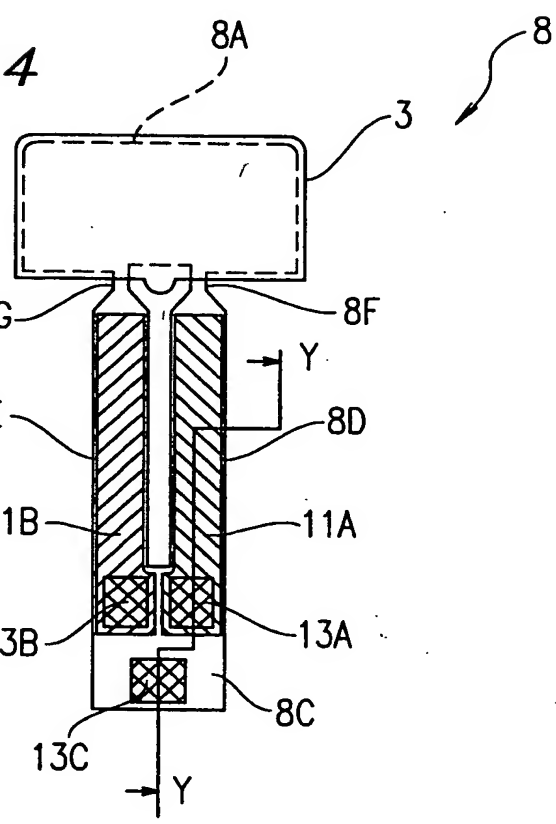


FIG. 5

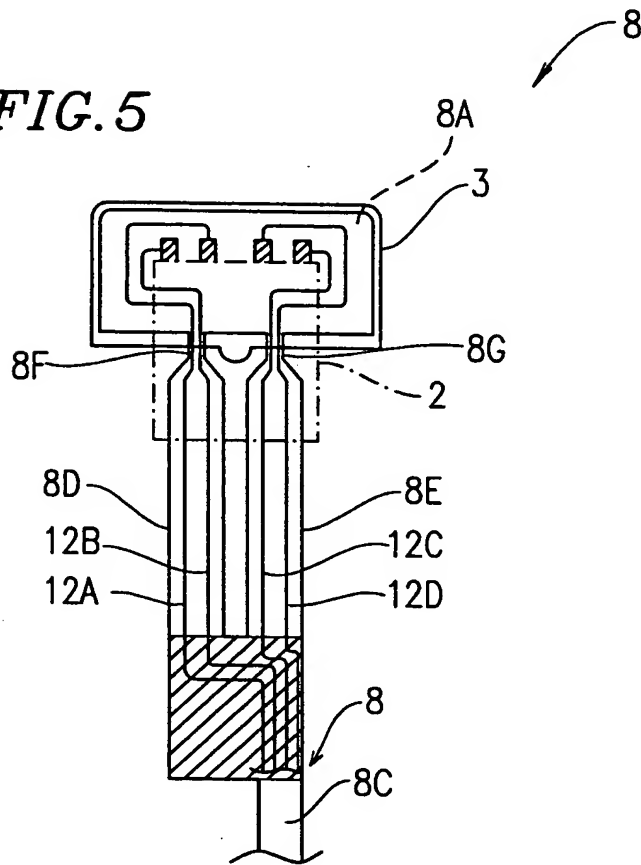
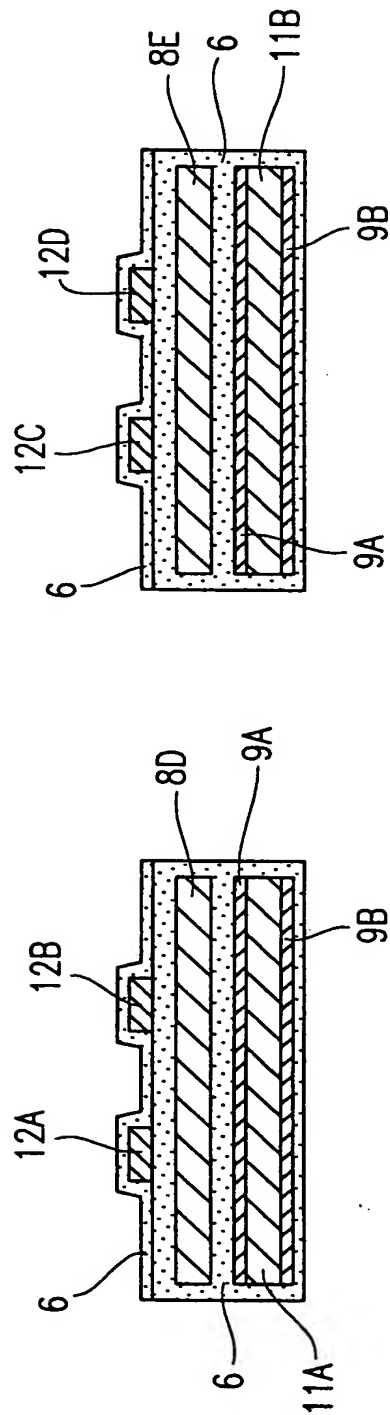


FIG. 6



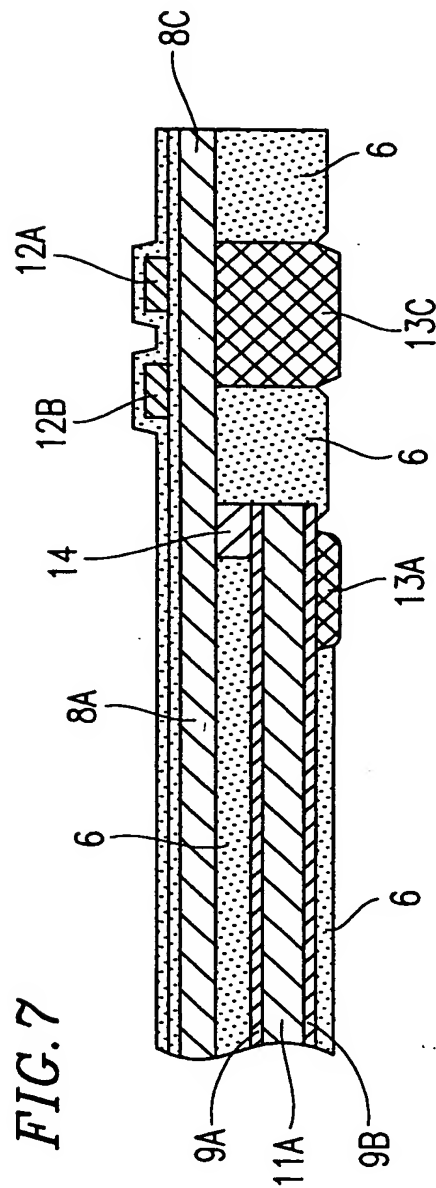


FIG. 8

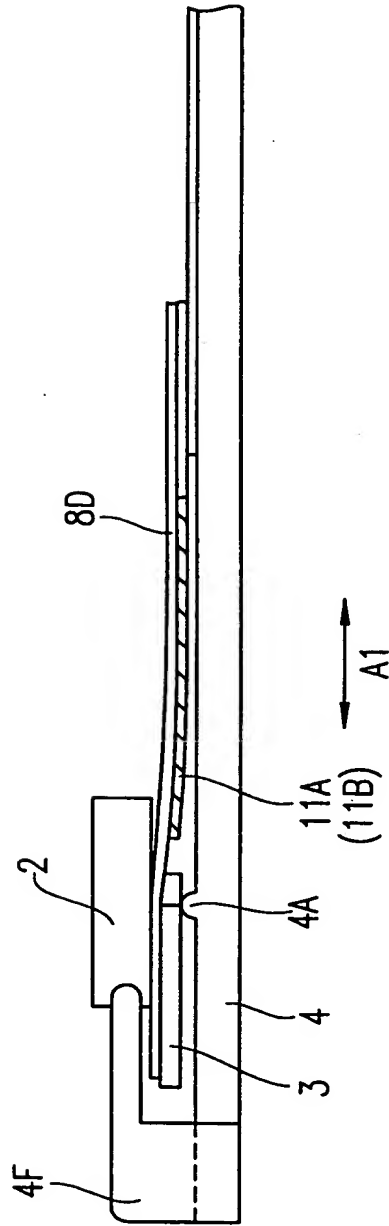
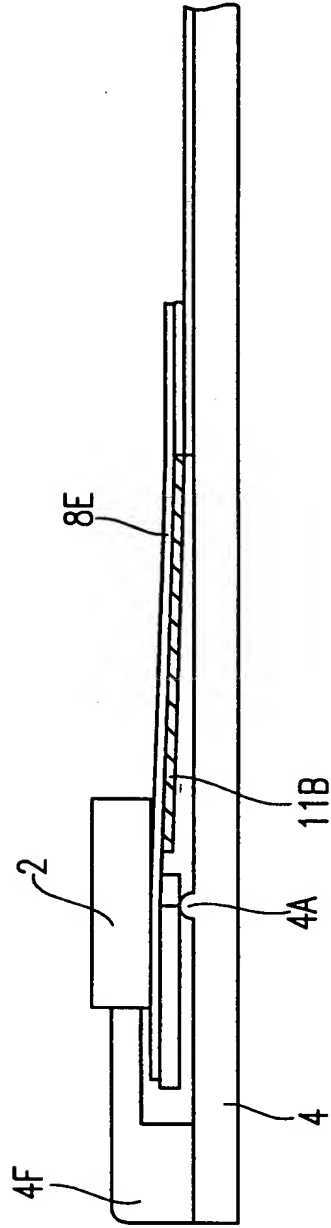


FIG. 9



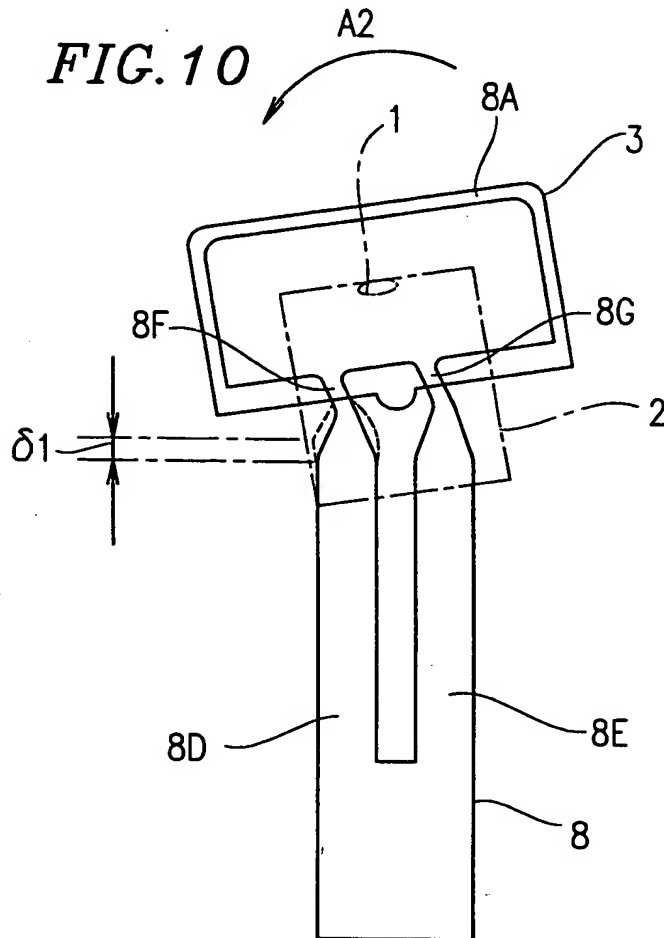


FIG. 11

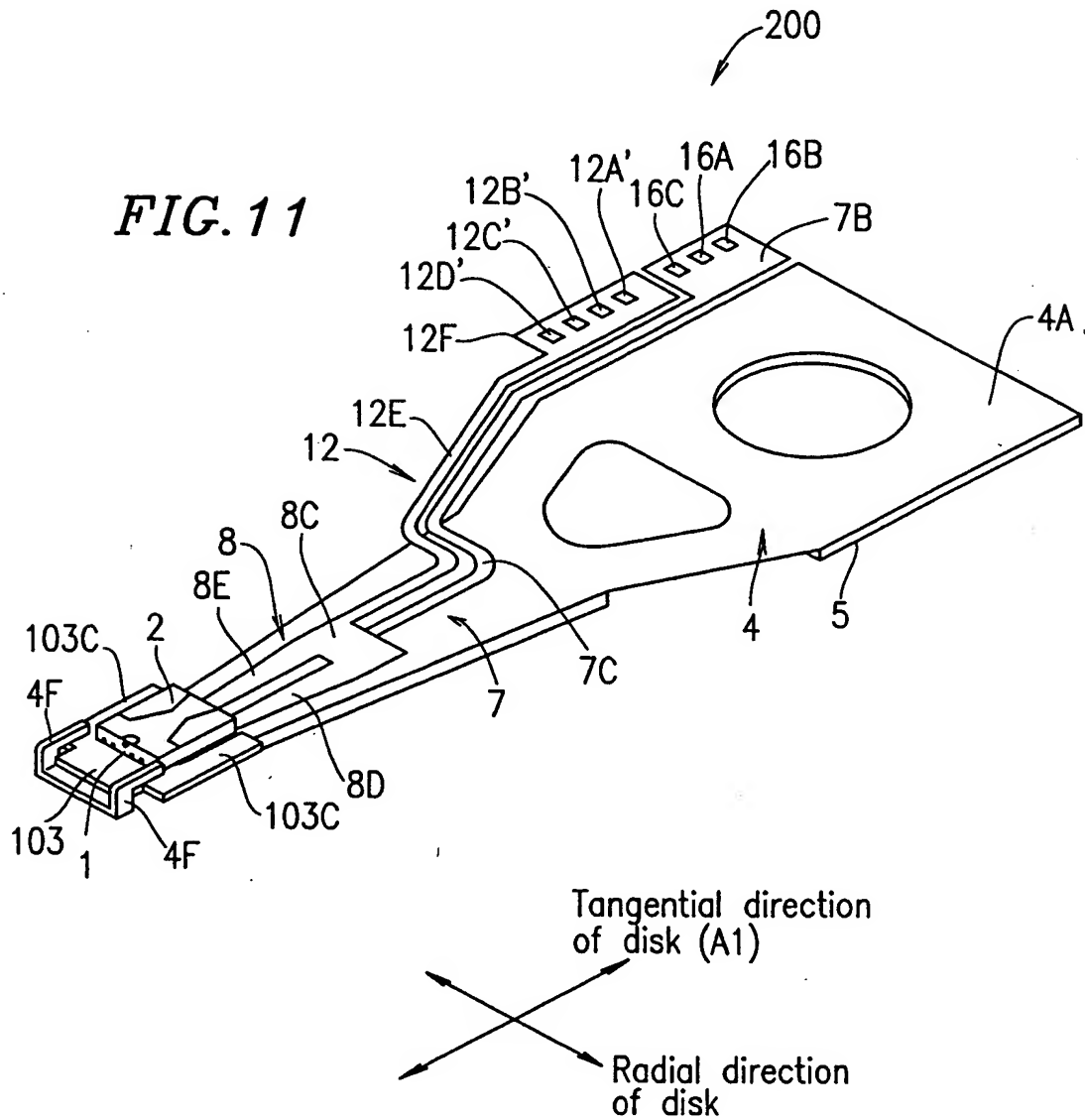


FIG. 12

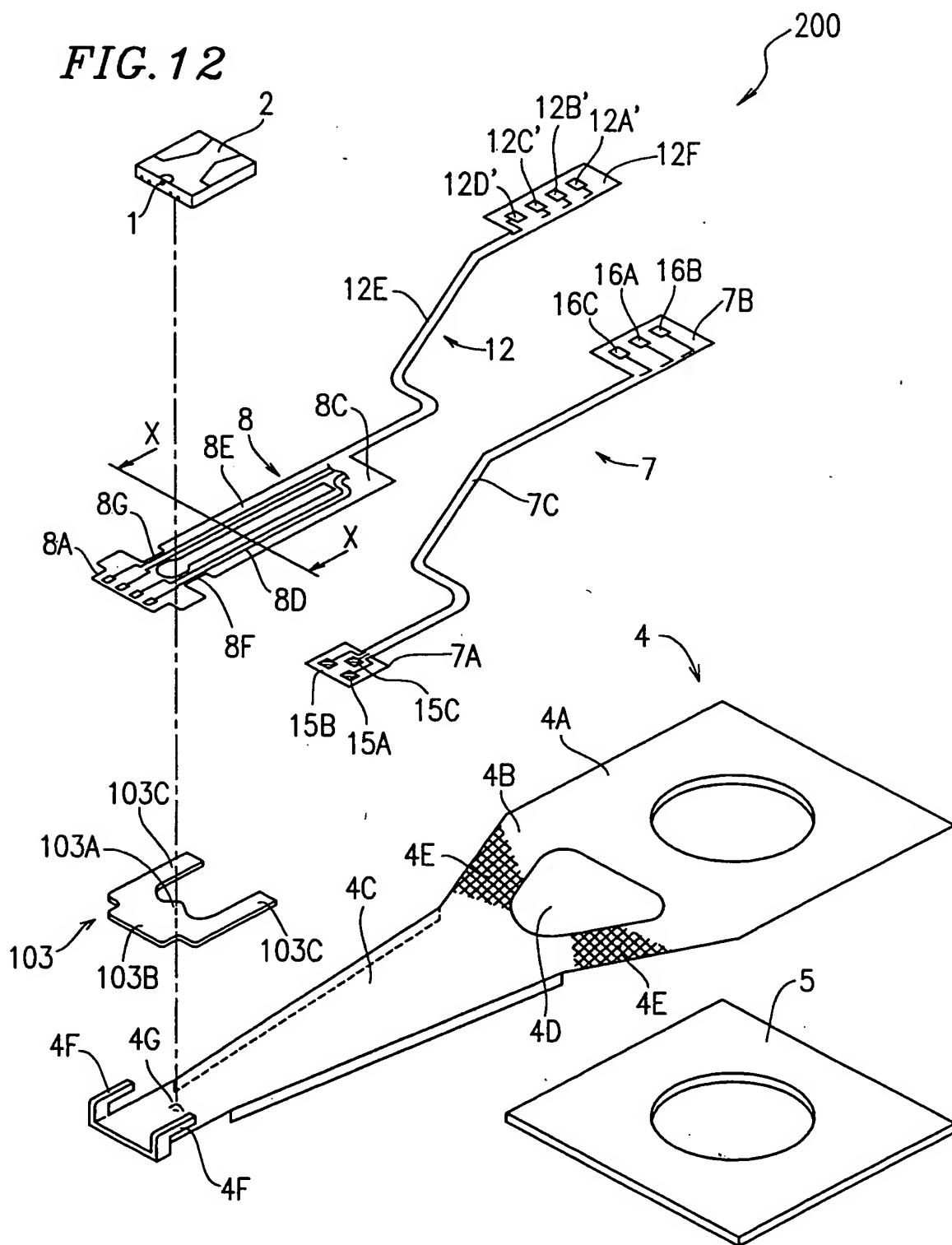


FIG. 13

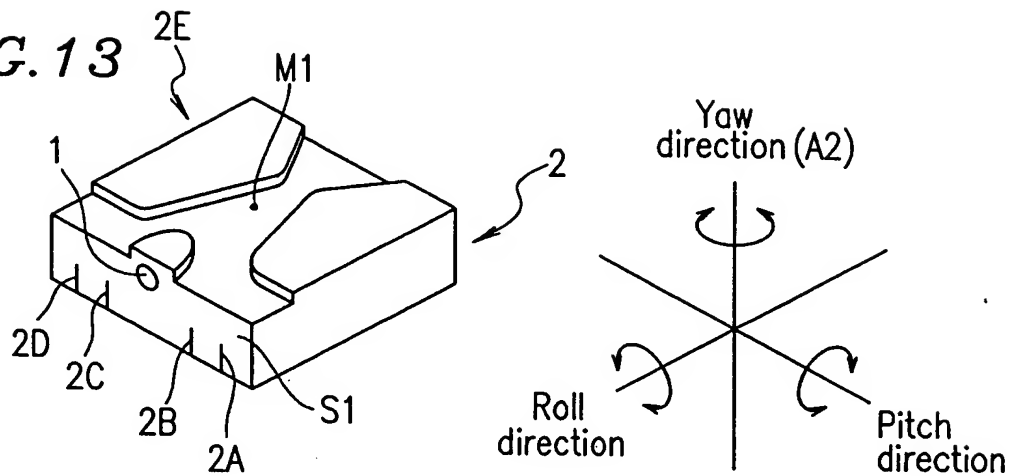


FIG. 14

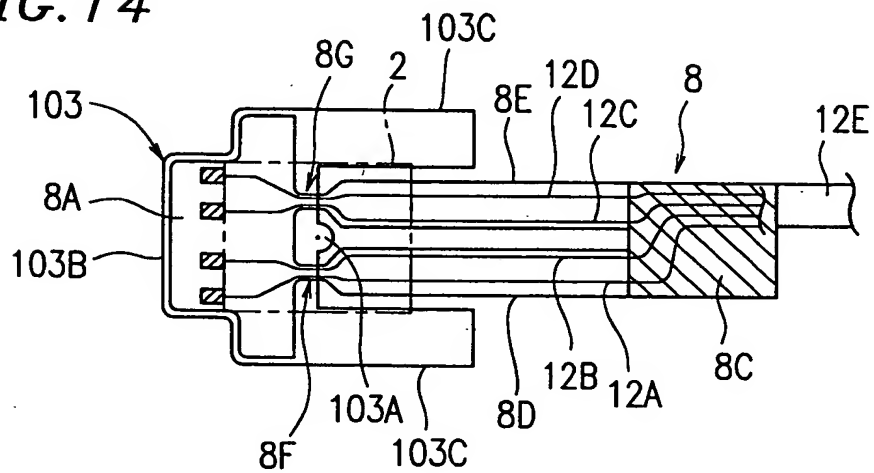


FIG. 15

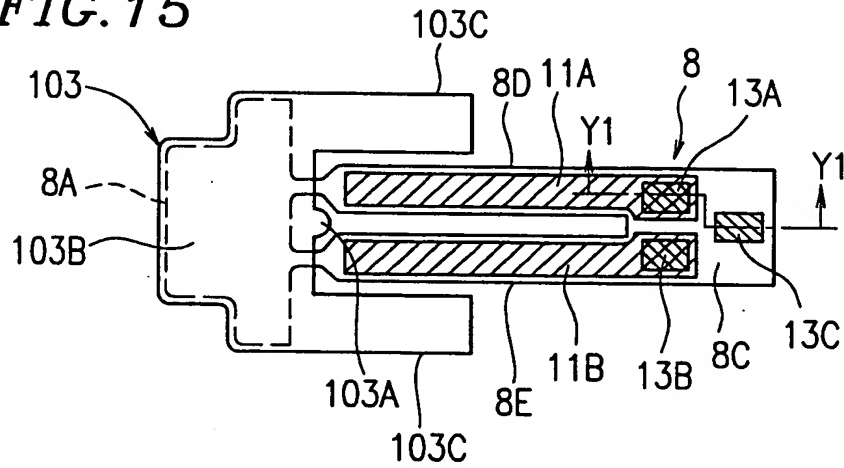


FIG. 16

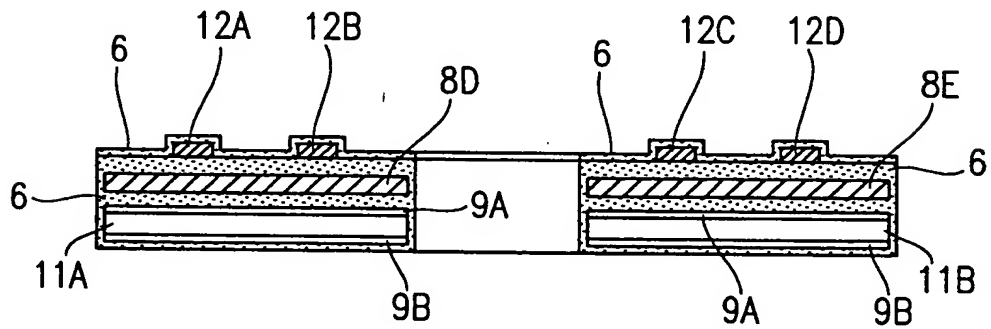


FIG. 17

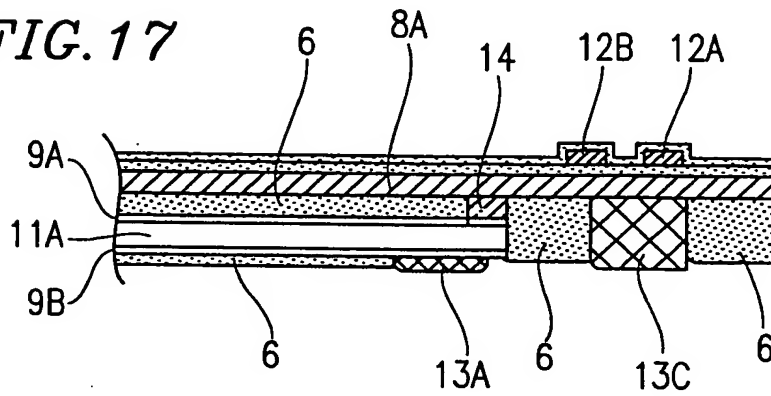


FIG. 18

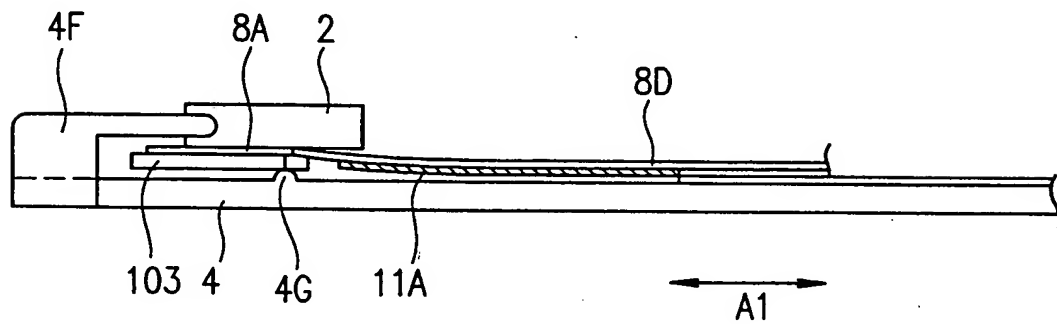


FIG. 19

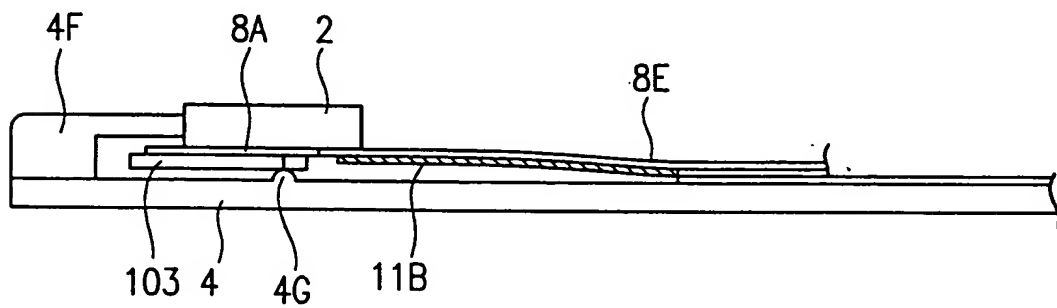


FIG. 20

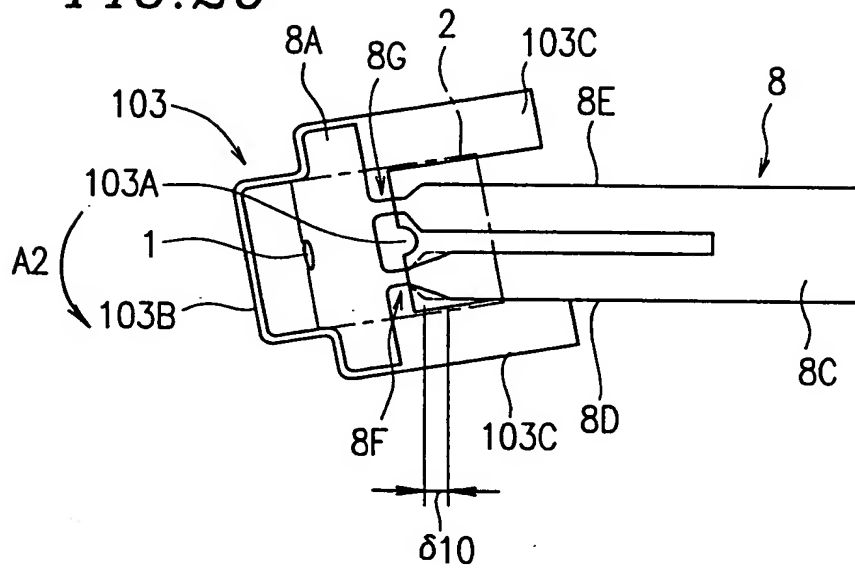


FIG. 22A

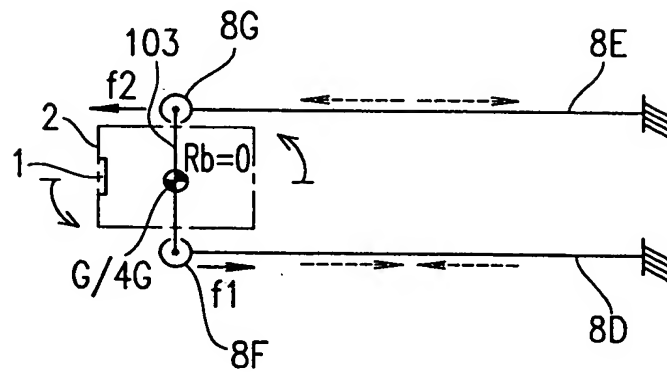


FIG. 22B

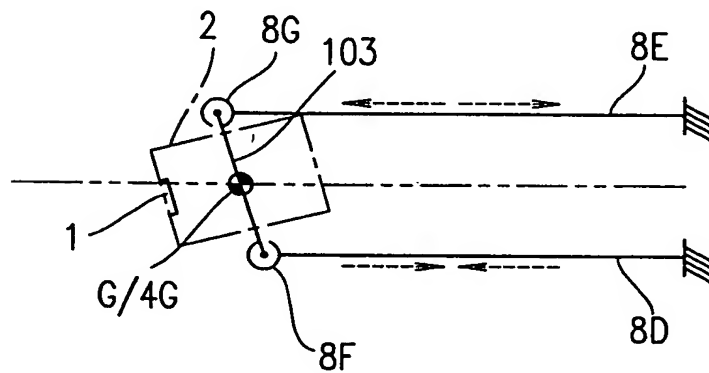


FIG.23A

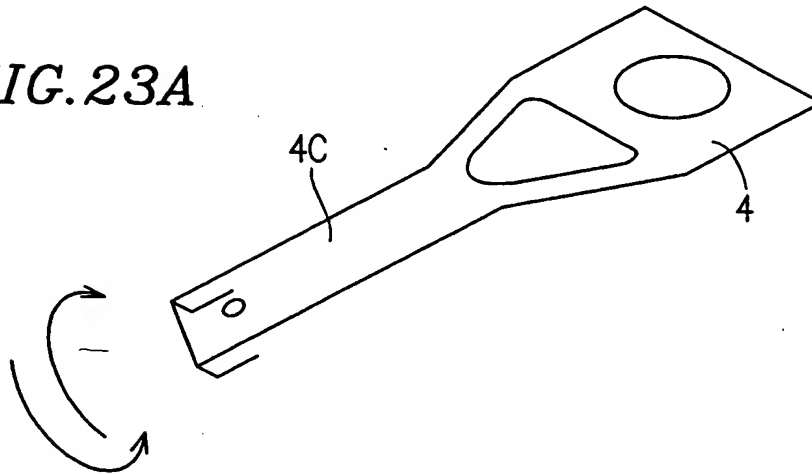


FIG.23B

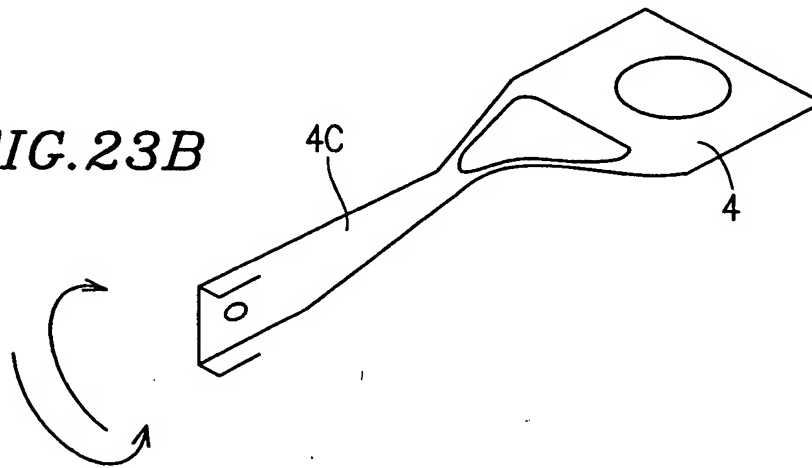


FIG.23C

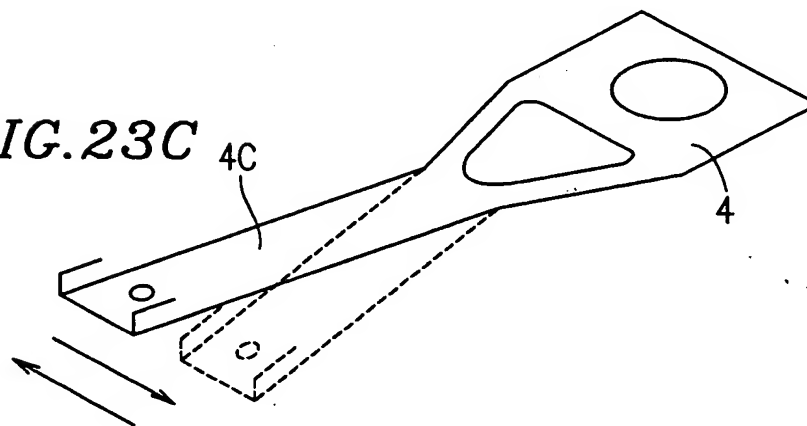


FIG. 24A

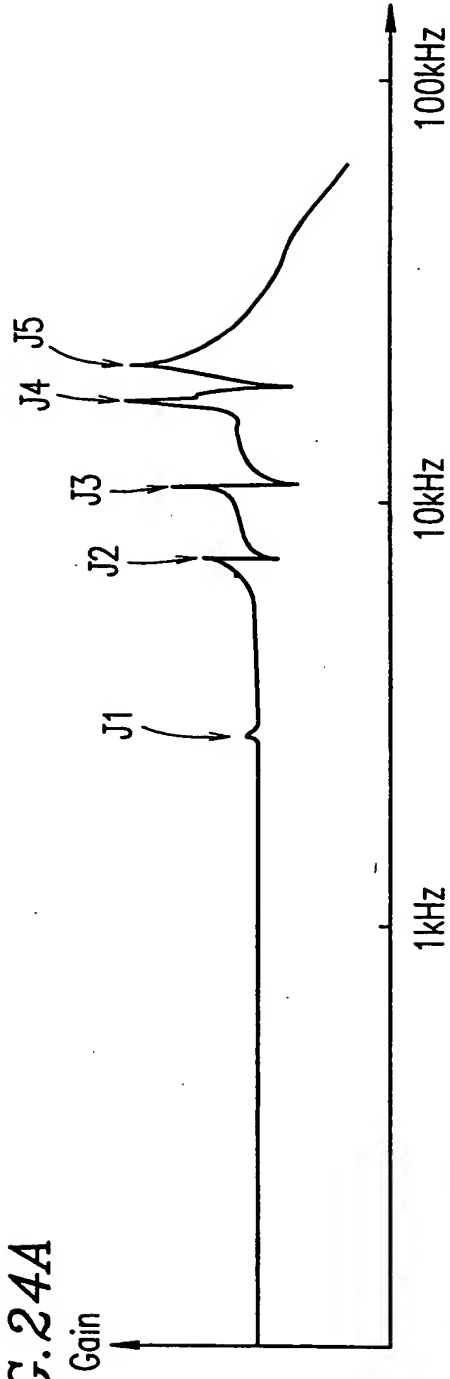


FIG. 24B

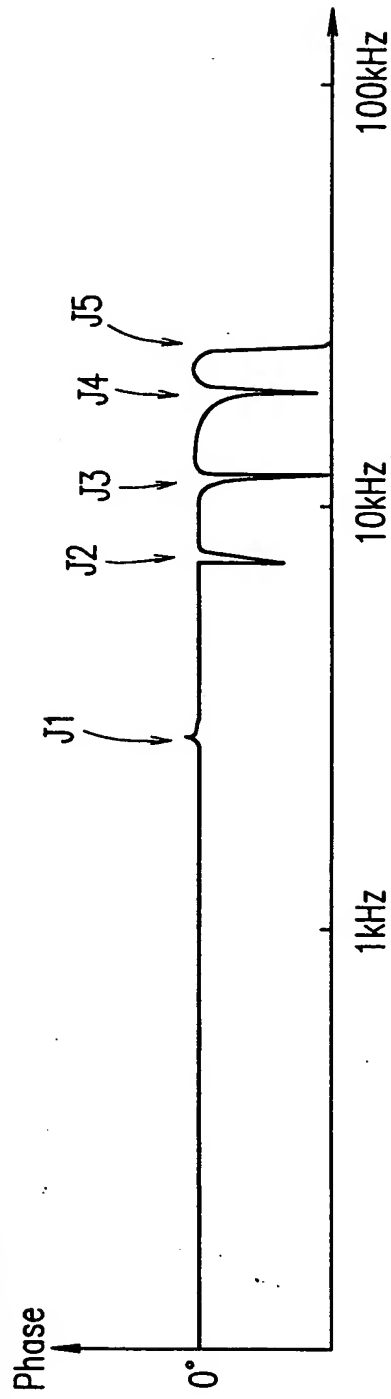


FIG. 25A

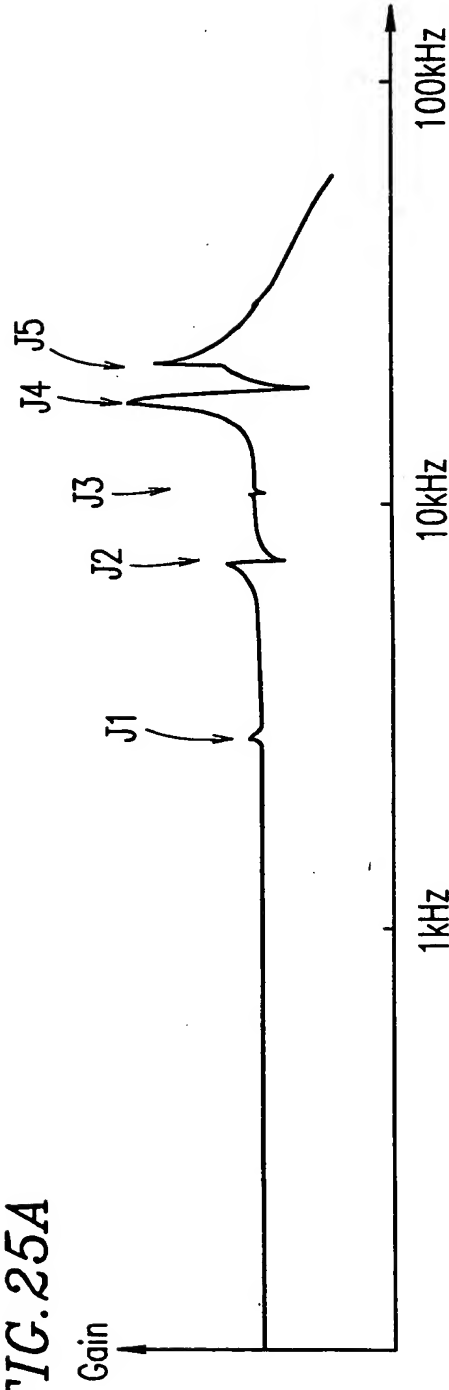


FIG. 25B

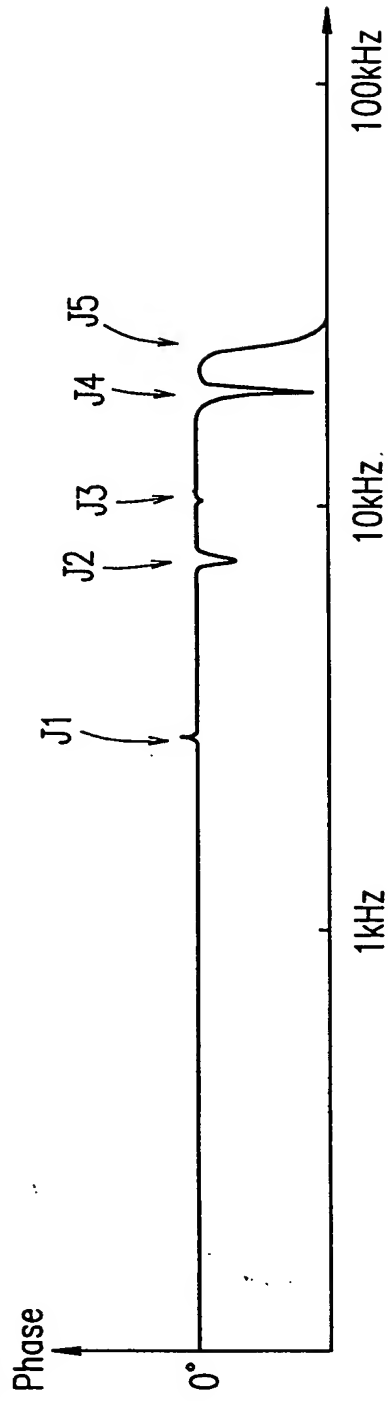


FIG. 26A

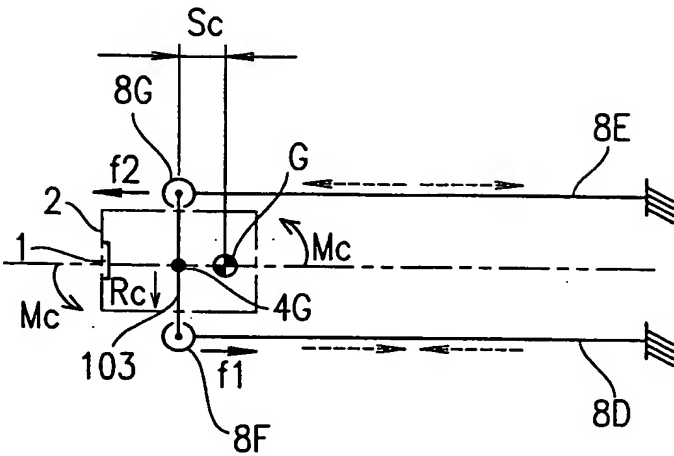


FIG. 26B

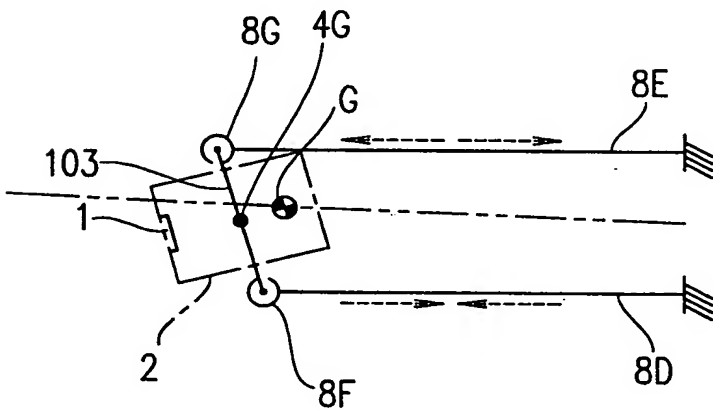


FIG. 27A

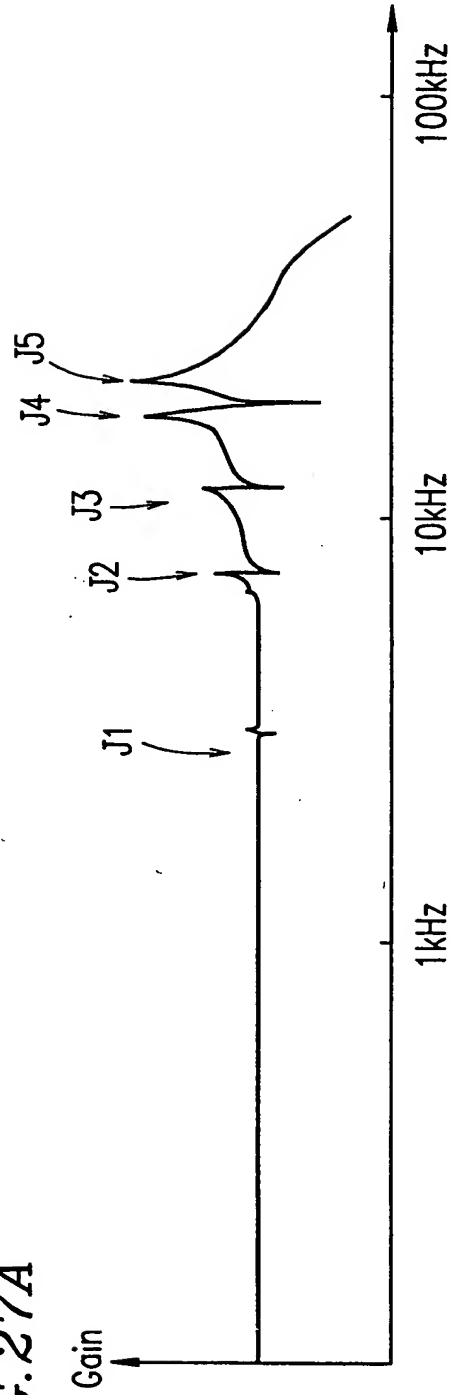
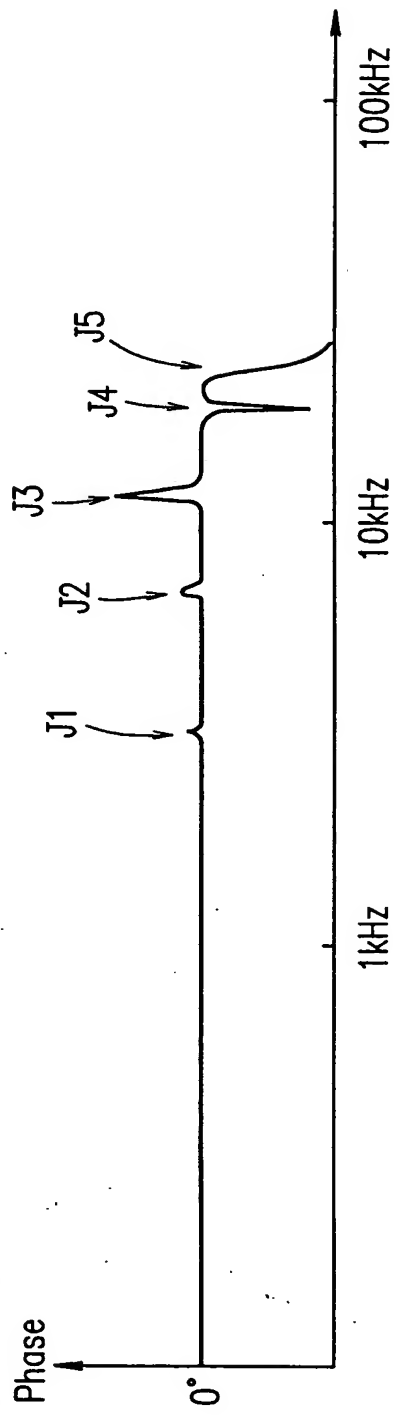
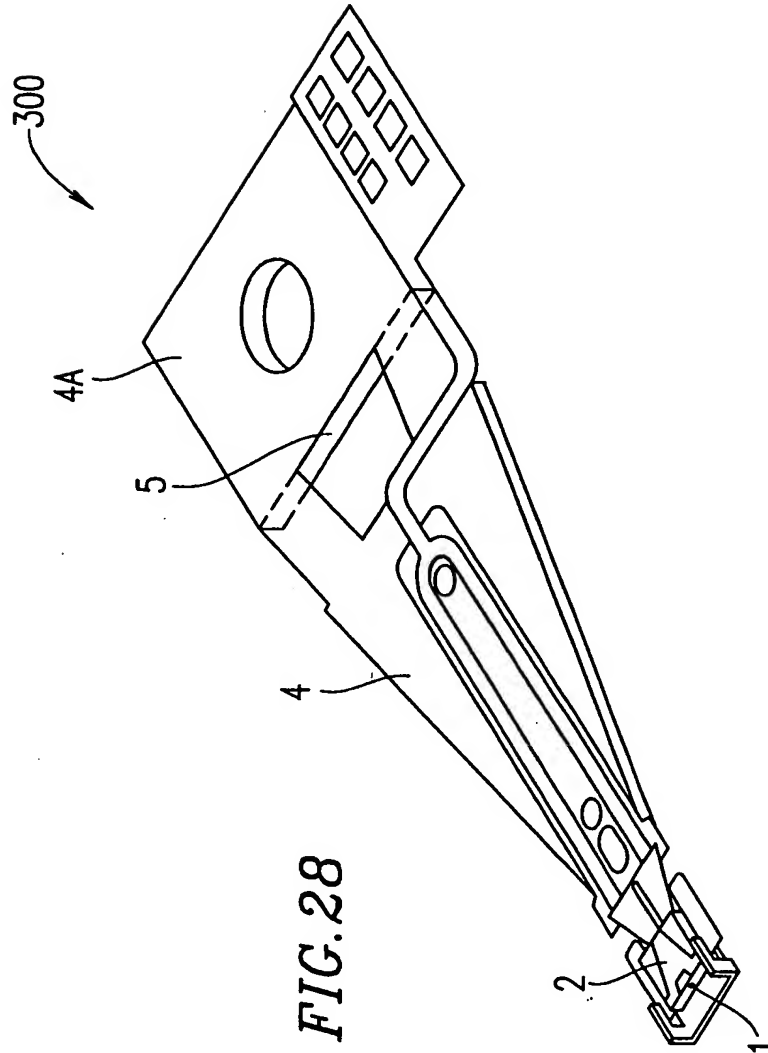
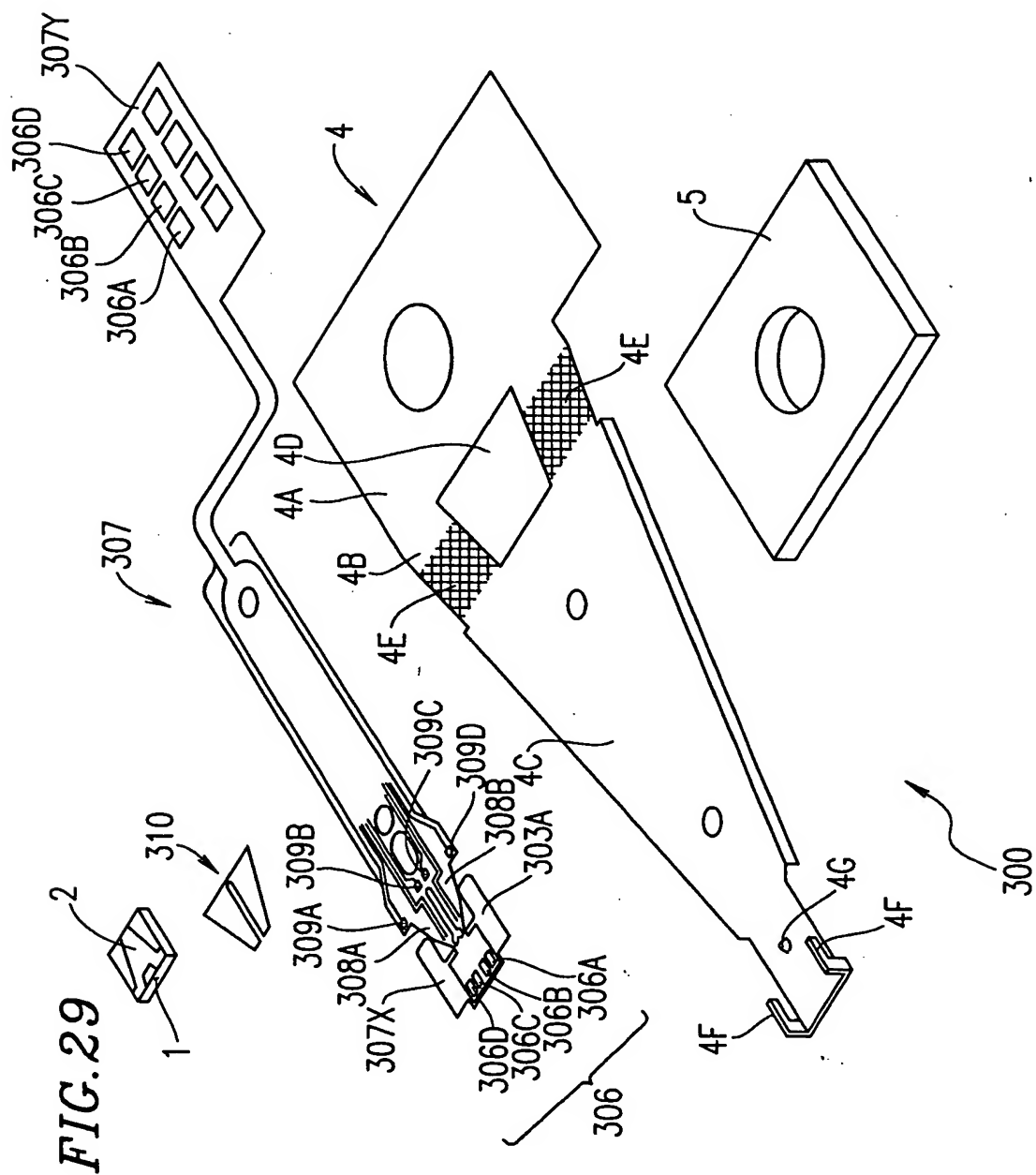


FIG. 27B







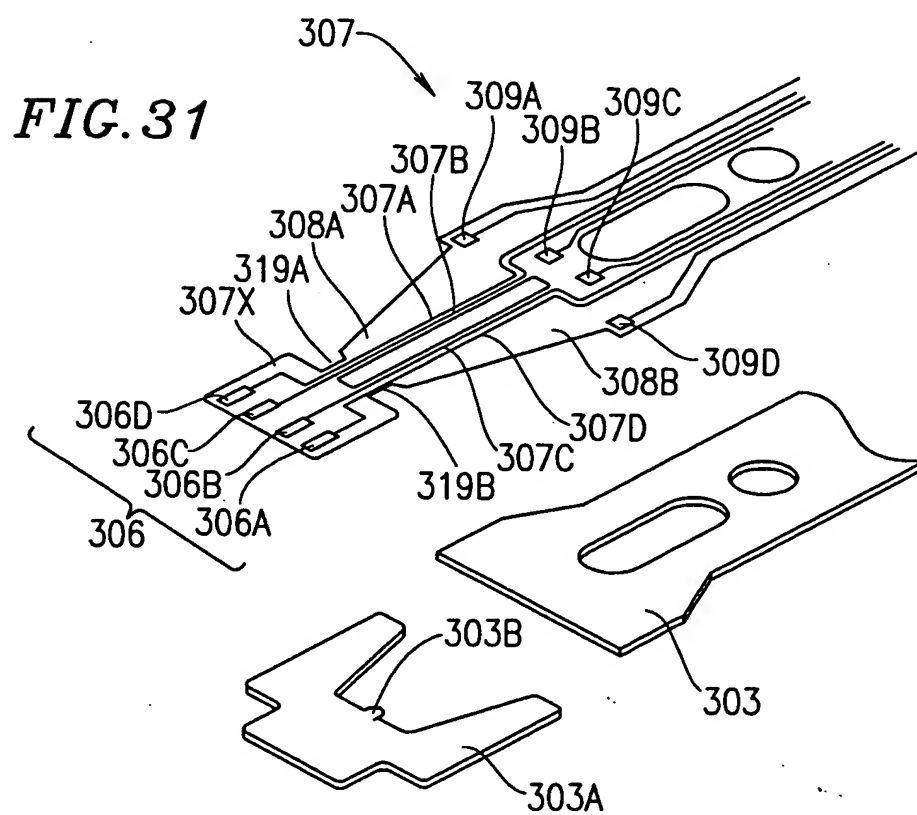
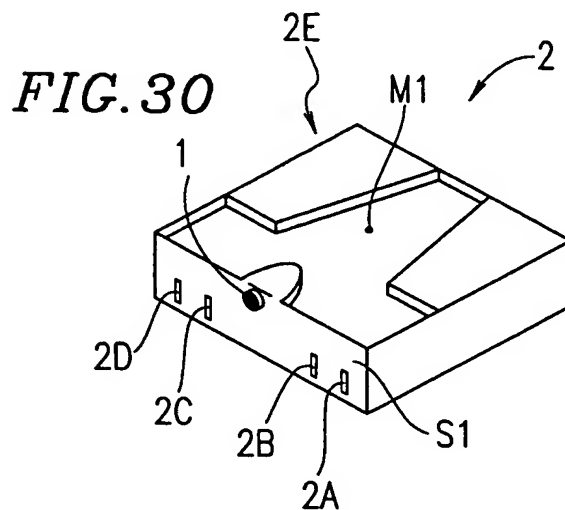


FIG. 32

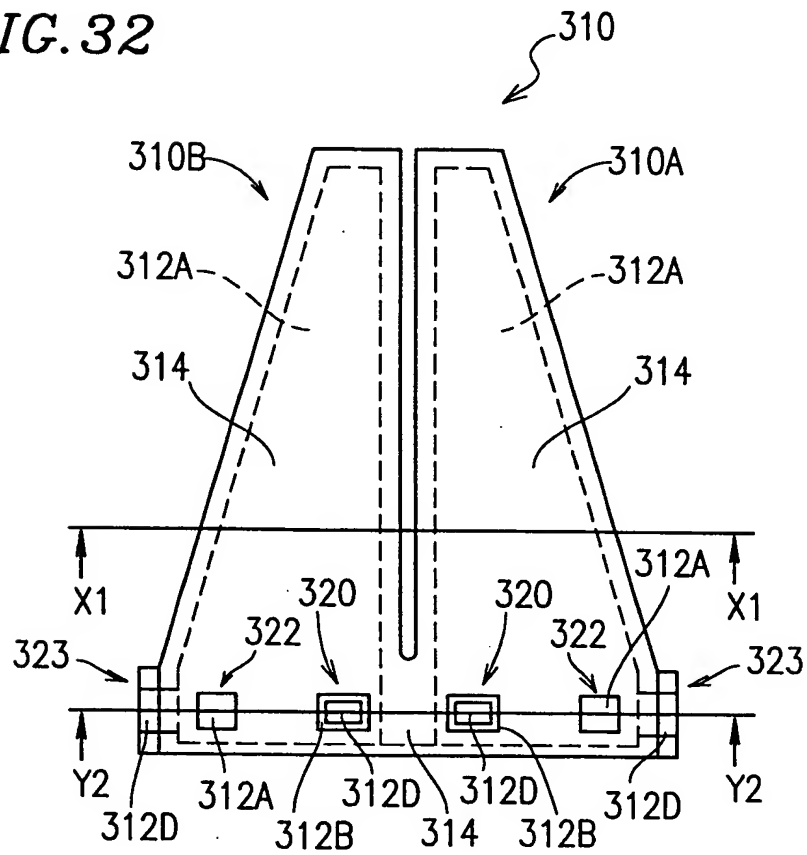


FIG. 33

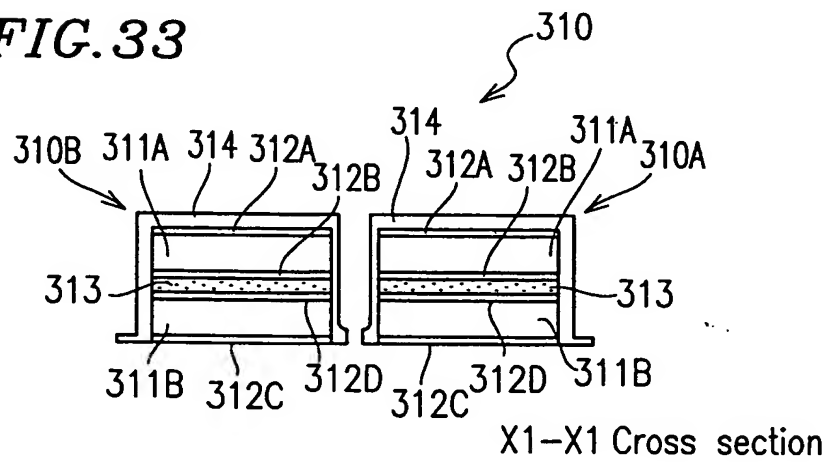


FIG. 34

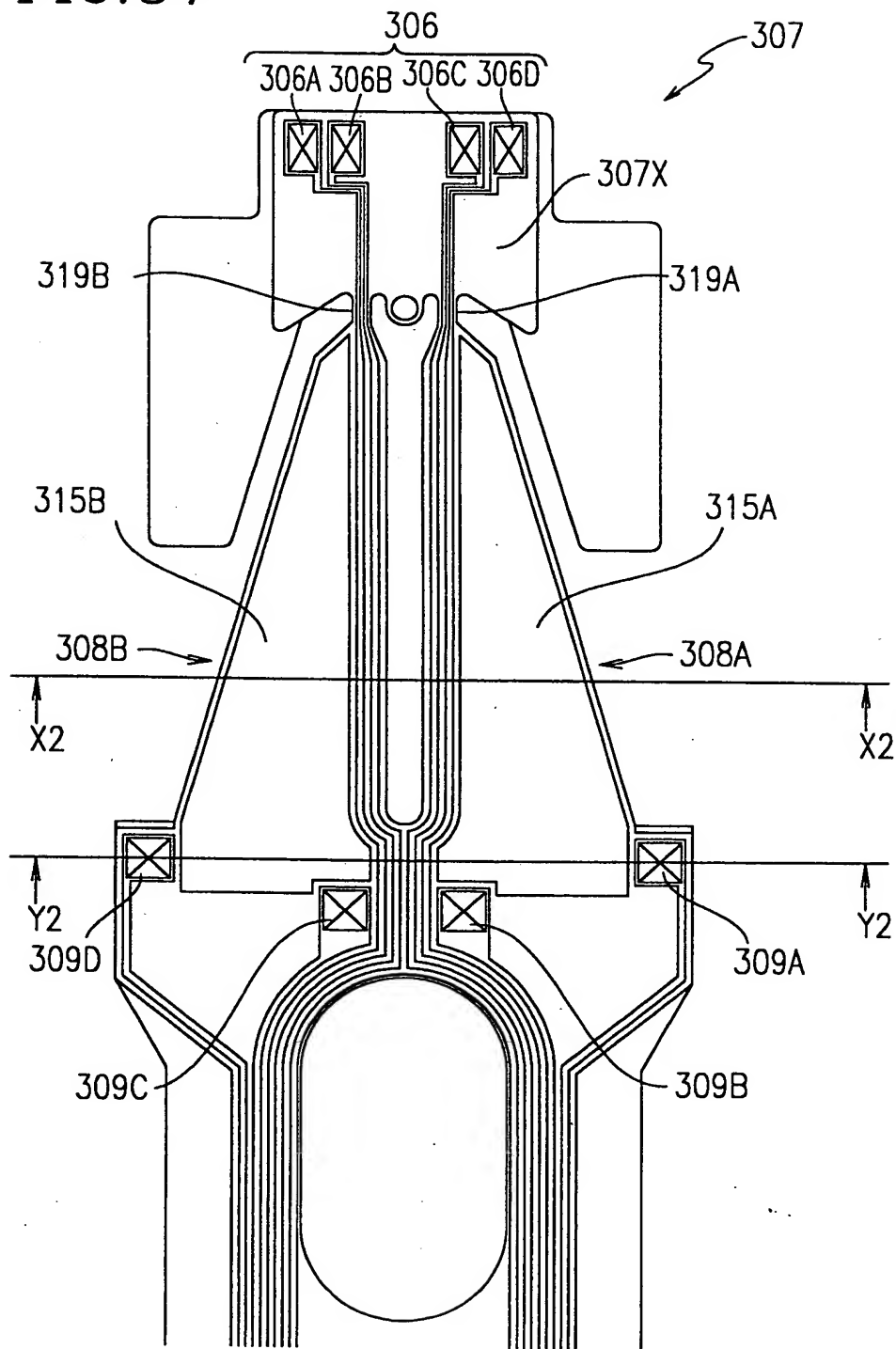
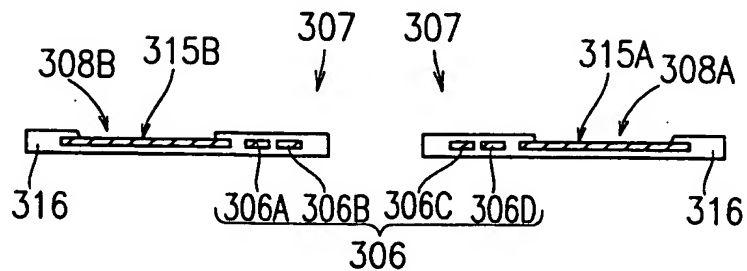
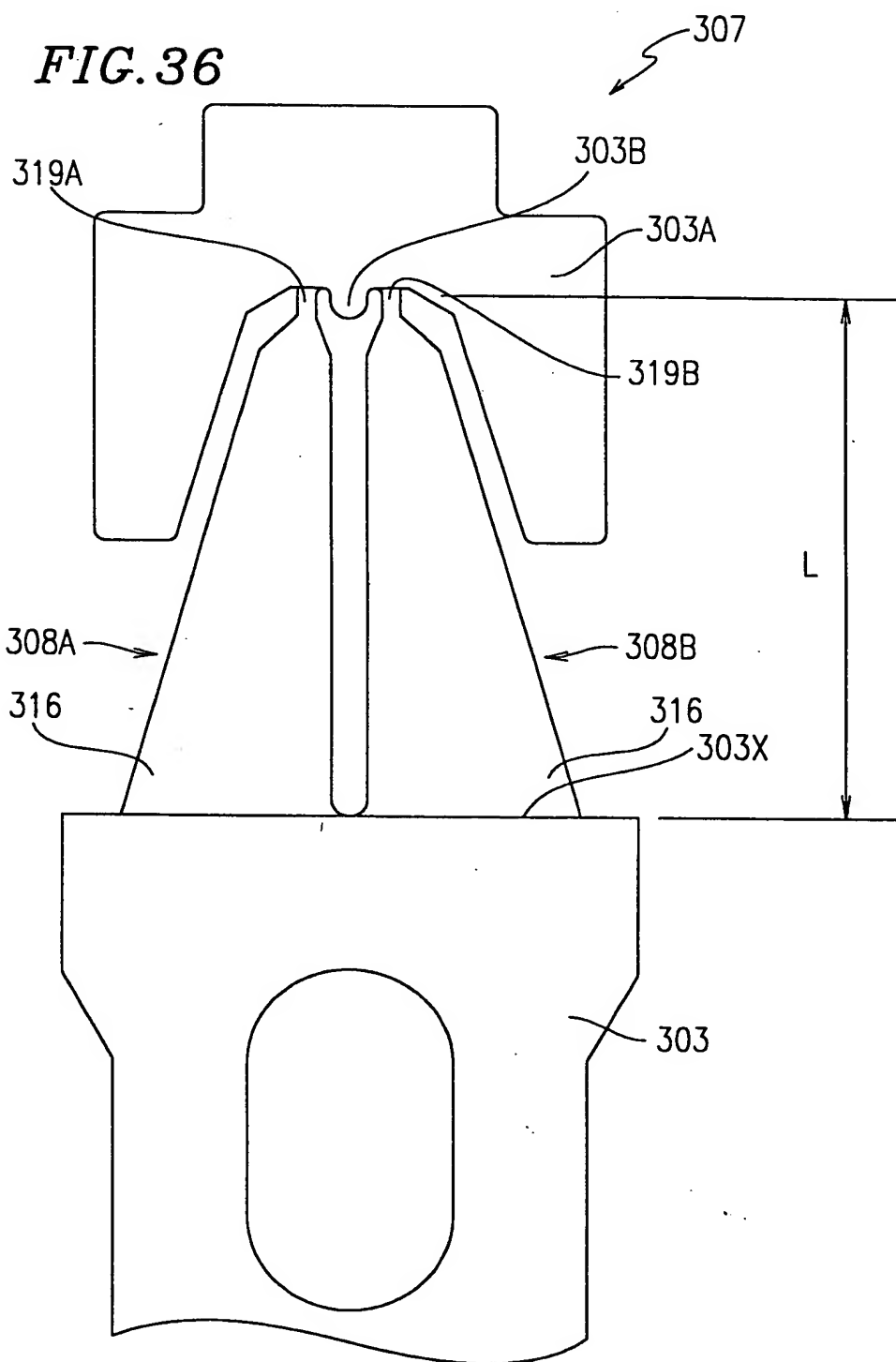


FIG. 35



X2-X2 Cross section



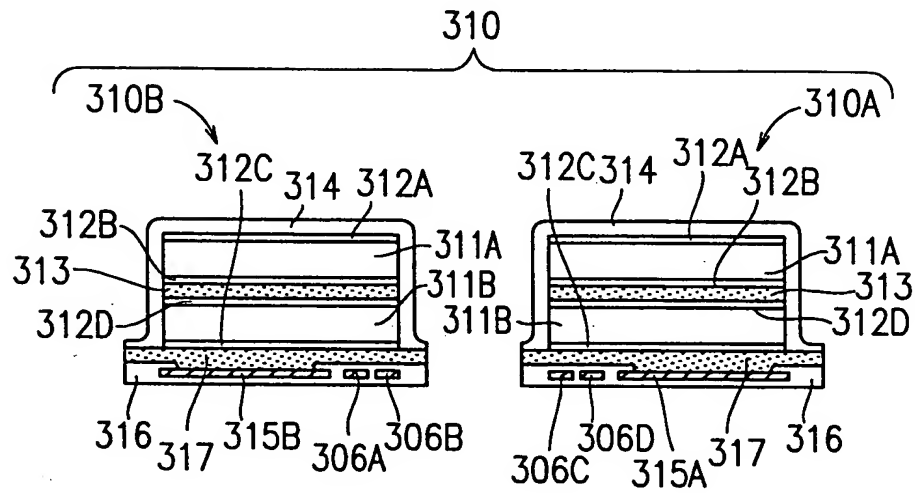


FIG. 38A

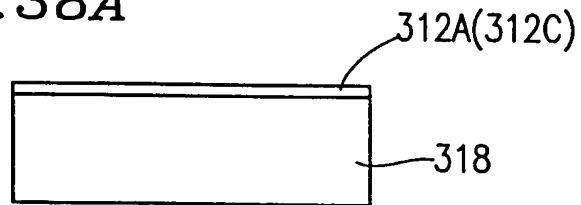


FIG. 38B

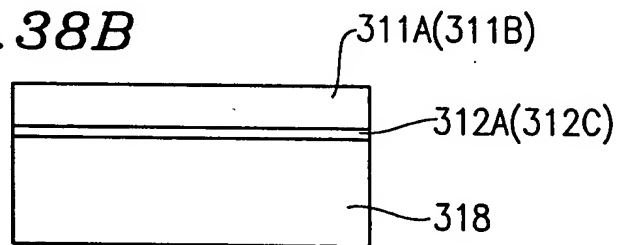
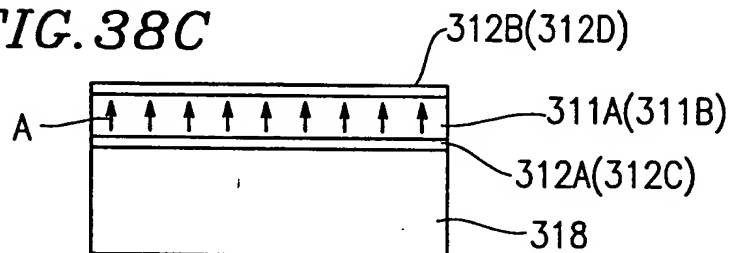


FIG. 38C



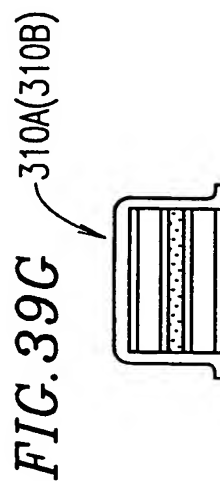
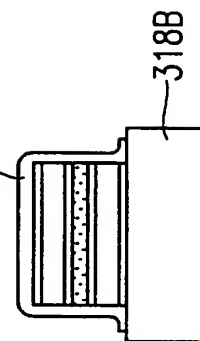
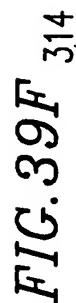
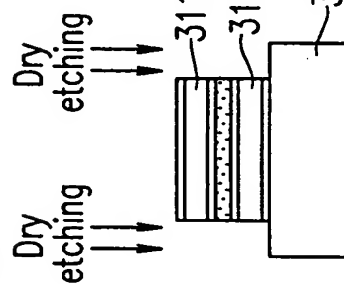
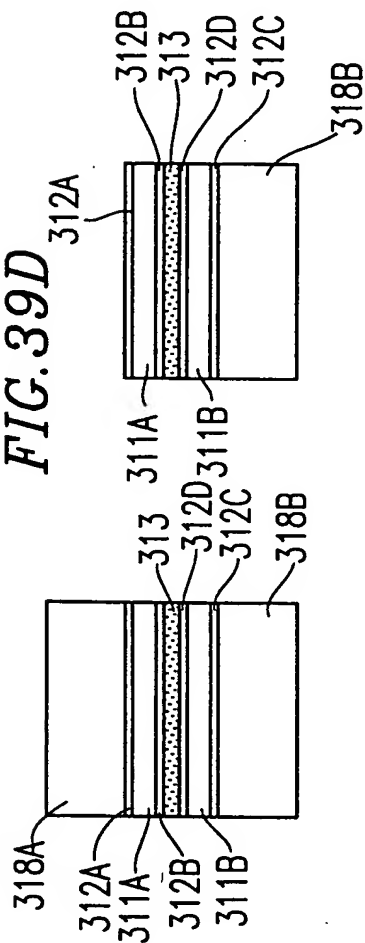
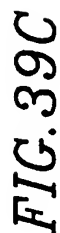
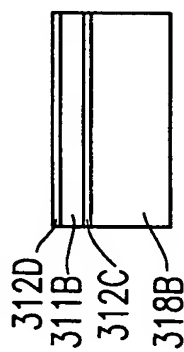
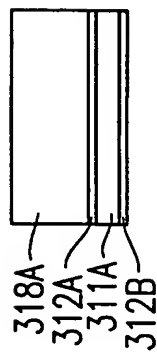
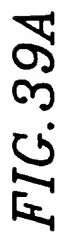
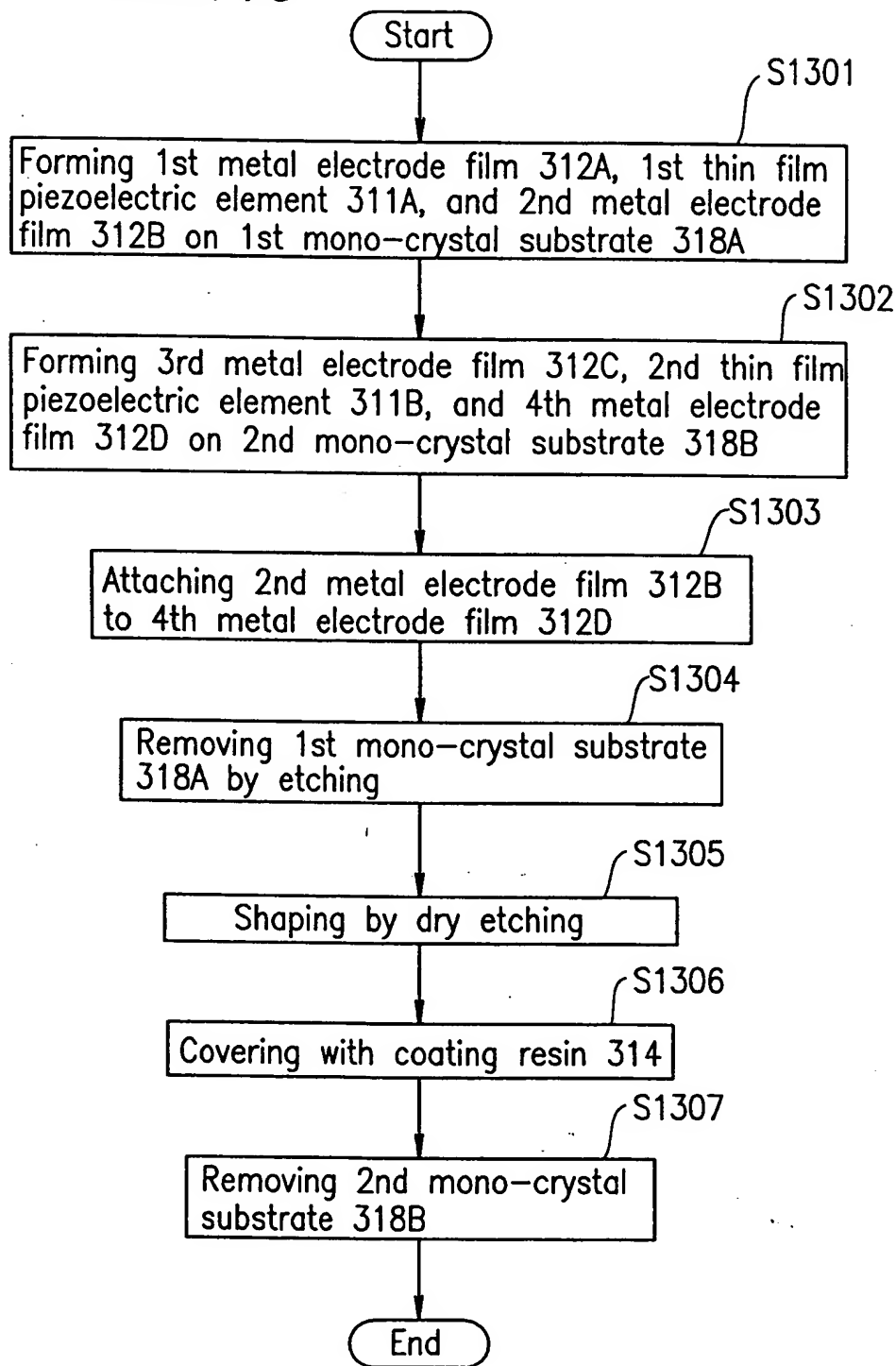


FIG. 40



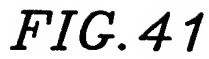


FIG. 43A

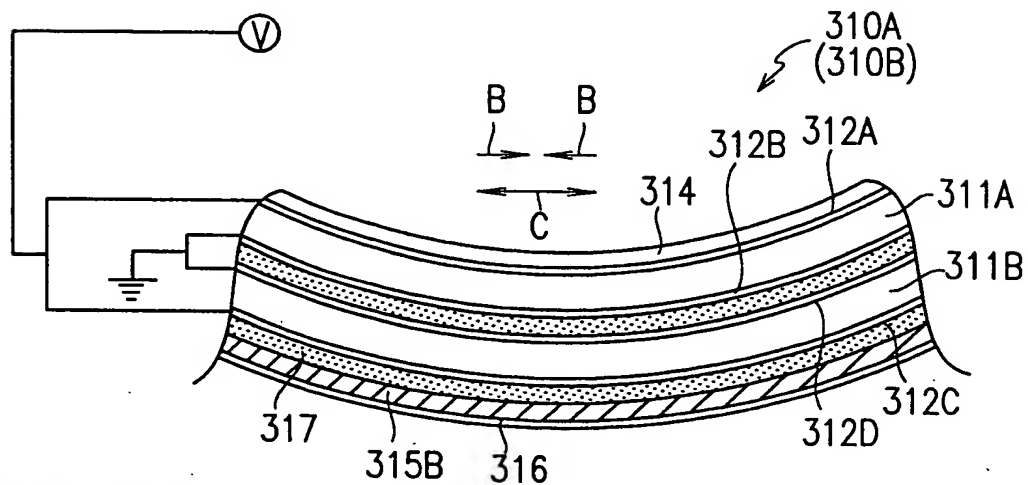


FIG. 43B

Voltage applied to
thin film piezoelectric
terminal 309A

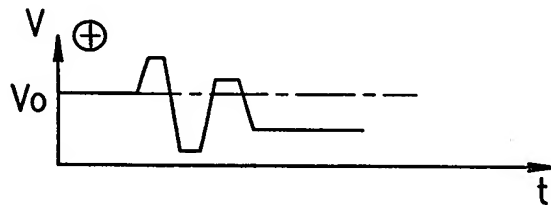


FIG. 43C

Voltage applied to
thin film piezoelectric
terminal 309D

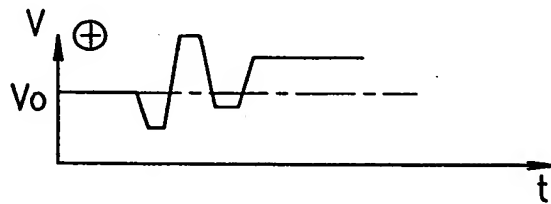


FIG. 44A

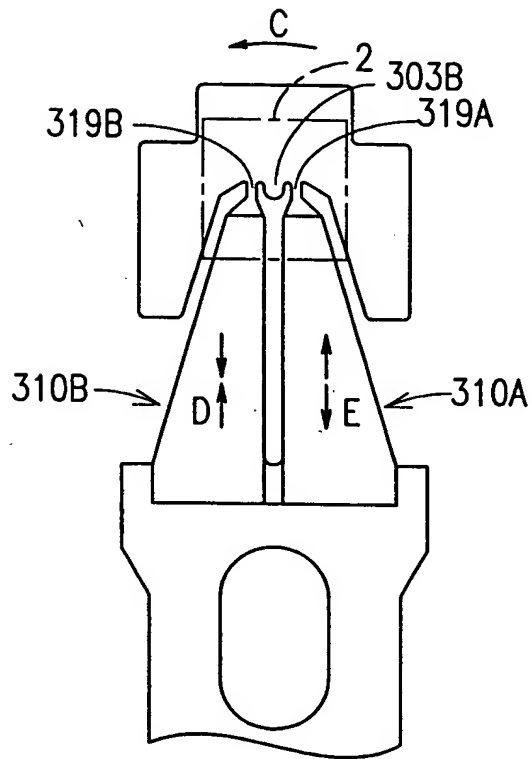
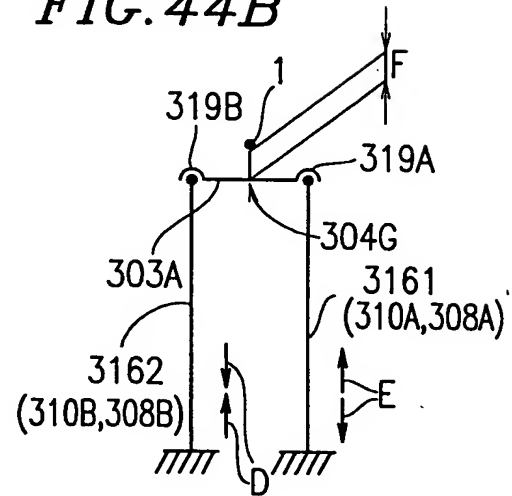


FIG. 44B



400

